

Notice of Allowability	Application No.	Applicant(s)	
	09/652,748	HODGINS ET AL.	
	Examiner	Art Unit	
	Phuongchau Ba Nguyen	2665	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 8-31-00 & interview 9-29-04.
2. ☒ The allowed claim(s) is/are 37,39,40,42,43,45,46,48; Renumbered as 1-8 respectively.
3. ☒ The drawings filed on 31 August 2000 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☒ Certified copies of the priority documents have been received in Application No. 08/979,474.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date <u>9-29-04</u> . |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date <u>8-31-00</u> | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with Mr. Frommer on 9-29-04.

3. The application has been amended as follows:

Claim 37, line 13:

----, wherein the burst data includes payload for a predetermined protocol, and further comprising:

receiving packetisation parameters including at least a size of the payload from the host;

generating the write address so that a space for protocol header of the predetermined protocol is reserved in the buffer according to the packetisation parameters;

transferring the protocol header in a burst from the host to the buffer via the bus;

writing the protocol header in the reserved space in the buffer;

receiving a partial checksum calculated by the host;

Art Unit: 2665

updating the partial checksum to obtain a complete checksum; and
filling the complete checksum into the protocol header in the buffer when
the protocol header and the payload have been written in the buffer--- has been
inserted after the word "fashion".

Claims 38 & 41 had been canceled.

Claim 43, line 11:

----, wherein the burst data includes payload for a predetermined protocol, and
the means for providing receive packetisation parameters including at least a
size of the payload from the host and generate the write addresses so that a
space for a protocol header of the predetermined protocol is reserved in the
buffer according to the packetisation parameters, and the buffer receives the
protocol header in a burst from the host via the bus and stores the protocol
header in the reserved space; and means for receiving a partial checksum
calculated by the host, updating the partial checksum to obtain a complete
checksum and filling the complete checksum into the protocol header in the
buffer when the protocol header and the payload have been written in the buffer--
--- had been inserted after the word "fashion".

Claims 44 & 47 had been canceled.

Art Unit: 2665

4. The following is an examiner's statement of reasons for allowance:

Regarding claims 37, 39, 40, 42, 43, 45, 46, 48, the prior art fails to teach or suggest a method or apparatus for streaming data from a storage device comprising "the burst data includes payload for a predetermined protocol, and the means for providing receive packetisation parameters including at least a size of the payload from the host and generate the write addresses so that a space for a protocol header of the predetermined protocol is reserved in the buffer according to the packetisation parameters, and the buffer receives the protocol header in a burst from the host via the bus and stores the protocol header in the reserved space; and means for receiving a partial checksum calculated by the host, updating the partial checksum to obtain a complete checksum and filling the complete checksum into the protocol header in the buffer when the protocol header and the payload have been written in the buffer," in combination with other limitations, as specified in the independent claims 37 and 43.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phuongchau Ba Nguyen whose telephone number is 571-272-3148. The examiner can normally be reached on Monday-Friday from 10:00 a.m. to 2:00 p.m..


Art Unit: 2665

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Huy Vu can be reached on 571-272-3155. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Phuongchau Ba Nguyen
Examiner
Art Unit 2665

DUCHO
PRIMARY EXAMINER


9-30-04